

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1259769

Luminaire Tested: P3AS09R659050DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259769
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659050DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

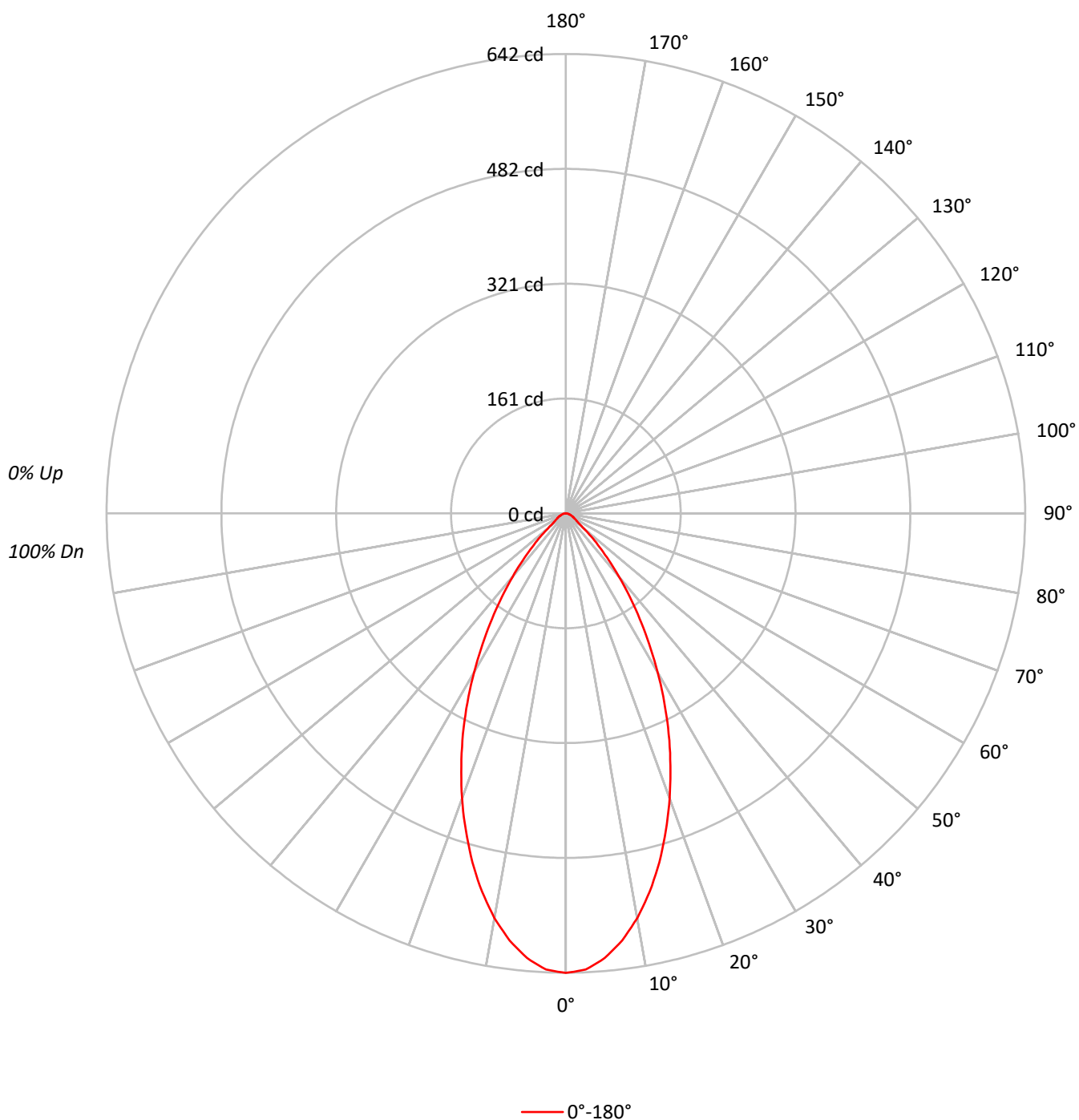
Lumens per Lamp: N/A
Luminaire Lumens: 554.1 lumens
Efficiency: N/A
Efficacy: 49.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	140822
5°	137310
10°	127876
15°	114598
20°	98965
25°	82335
30°	64921
35°	48104
40°	33148
45°	20560
50°	11155
55°	7034
60°	5964
65°	5396
70°	4616
75°	4067
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.0	10.5
10°-20°	140.3	25.3
20°-30°	155.1	28.0
30°-40°	112.7	20.3
40°-50°	52.8	9.5
50°-60°	17.8	3.2
60°-70°	10.3	1.9
70°-80°	5.4	1.0
80°-90°	1.7	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	353.4	63.8
0°-40°	466.1	84.1
0°-60°	536.6	96.9
0°-90°	554.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	554.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	642	
5°	624	58
15°	505	140
25°	340	155
35°	180	113
45°	66	53
55°	18	18
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	642.2
2.5°	638.2
5°	623.8
7.5°	602.2
10°	574.3
12.5°	541.5
15°	504.8
17.5°	464.9
20°	424.1
22.5°	381.8
25°	340.3
27.5°	297.9
30°	256.4
32.5°	216.5
35°	179.7
37.5°	146.2
40°	115.8
42.5°	88.7
45°	66.3
47.5°	47.9
50°	32.7
52.5°	22.4
55°	18.4
57.5°	16.0
60°	13.6
62.5°	12.0
65°	10.4
67.5°	8.8
70°	7.2
72.5°	6.4
75°	4.8
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)